

Math Review + Test Prep = University Success!

What are the goals of this course?

- To help you do your best in placement exams and math courses at an English-taught university.
- To review beginning and intermediate algebra concepts (content from USU courses Math 990–1010)
- To teach the English terms of the language of math (vocabulary, notation, word problems)
- To develop strategies for productive studying and confident test-taking (online resources, practice tests)

How should I behave?

To maintain a positive learning environment, you will follow these rules:

#1 Follow all directions of the teacher promptly (including all Global Academy policies)

#2 Respect others' personal space, belongings, ideas, and emotions

#4 Be early – Be prepared – Be focused – Be positive

Attendance Policy:

If you are more than three minutes late, I will mark you tardy on the inside of your nametag.

If you enter class after you've been marked tardy, you must retrieve your nametag from me.

If you miss more than 30 minutes of a class period, you may be reported to the program administration.

If you miss more than two full class periods, you will be reported to the program administration.

What can I expect on a typical class day?

12:58 *Focus Five* – mathematical question to discuss and answer with your table, a “mental treadmill”

1:05 *Table Review* – review last class concepts using completed homework

1:15 *Math* – develop understanding of new math concepts with discussion, examples, and activities

1:50 *Game/Break* – move around, go to bathroom/drink, engage in fun math-language activity

2:05 *Math* – develop understanding of new math concepts with discussion, examples, and activities

2:45 *Multiple-Choice Questions* – for each other to review material and improve test-taking skills

3:00 *Outside Study* – leave class to do 1-hour of math homework

What about homework, textbooks, exams, grades?

Required homework:

- 1-hour of focused study time each day of class to produce your bilingual study guide
One page with 2–4 example problems solved step-by-step with English and Spanish explanations
- 2 hours over the weekend (Fri-Sun) to catch-up, take practice exam, or explore other concepts

All learning materials will be provided for you either in-class or online.

There will be exams periodically to assess your proficiency, which will help the instructor guide the class.

Since this class is part of the Global Academy program, no points or grades will be awarded – just learning!

Where can I get extra help?

Studying with your classmates is your best resource!

See review resources at: < <http://what-a-wonderful-world-with-mr-bennion.wikispaces.com/> >

Feel free to come into the classroom eat your lunch and/or ask questions before class.

Global Academy tutoring sessions every Tuesday and Wednesday evening from 7:00–9:00 pm

The Math/Stats tutoring center – weekdays from 1:00–5:00 pm (until July 18th)

What about the excursions?

Excursion 1 – Day in Salt Lake City: Humanitarian Center, Clark Planetarium, Bingham Canyon Mine

Excursion 2 – USU Olympiad: Teams will work together to complete physical and mental challenges

Why should I try to understand and utilize more advanced mathematics?

The world is full of technology, money, and complex problems that require mathematical analysis. As such, understanding of math is an important qualification in the workforce. Also, whether you use it in your everyday life or not, learning mathematics trains your brain to think creatively and logically to solve problems.

Who is the instructor for this course?

My name is Kenneth Bennion and I am excited to spend the summer with you in beautiful Logan! Next spring I will graduate from USU and be certified to teach math and science in secondary schools. I have been involved with the Global Academy for the past two years. I also volunteered for two years at a free English class program for immigrants in Toronto, Canada. These experiences have given me an appreciation for cross-cultural communication. I am fluent in five languages – English, Español, music, mathematics, and Português – and I want to learn sign language someday. When I am not busy doing homework, I am probably playing jazz piano, listening to the news on the radio, serving families in my church community, or making dinner with my dear wife of two years.

